

ANKARA UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT
COM1001 Computer Programming I
Fall 2023-24

PA-1 Creating Clover

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Date: 13/12/2023

Task: For this assignment, your job is going to create a clover with asterisks. The size of clover **must be dynamic** and it is determined by user.

```
(base) zeynep@dell:~/Desktop$ python3 code.py
4
****
* ** *
** **
** **
* X *
(base) zeynep@dell:~/Desktop$ python3 code.py
8
*****
* *****
** *****
*** *****
**** *****
*****
*** X ***
** X **
* X *
(base) zeynep@dell:~/Desktop$ python3 code.py
6
*****
* *****
** *****
*** *****
**** *****
*****
** X **
* X *
```

```
(base) zeynep@dell:~/Desktop$ python3 code.py
5
*****
* ****
** ***
*** **
****
** X **
* X *
(base) zeynep@dell:~/Desktop$ python3 code.py
7
*****
* *****
** *****
*** *****
**** *****
*****
*** X ***
** X **
* X *
(base) zeynep@dell:~/Desktop$ python3 code.py
3
***
* *
**
* X *
```

Warning: Any form of code copying, including the copies from the internet, is strictly prohibited. If we determine similarities between your codes with any other students in the class, it will be treated as cheating and will be punished. So, you would increase the risk of cheating when you see somebody else's code directly or see a solution in the internet (i.e. somebody else might have also copied the same code from the internet like you, so both of these codes will be evaluated as copies, since they both copy from an external source. Such attempts will always be considered as cheating). You are supposed to write the program by yourselves.

Submissions will not be accepted after the deadline.

Submission:

- 1- Name your Python source file as student_id.py; replace student_id using your student id number.
- 2- Upload your python file using the interface provided in e-kampus course page.

Compiling Process:

//normal compile process

python3.8 yourfilename.py

//to use .txt file as input

python3.8 yourfilename.py<input.txt

// to use .txt file as input and to print the results to .txt file

python3.8 yourfilename.py<input.txt>output.txt

// to compare two files

diff -w filename1 filename2

Please, PAY ATTENTION TO THE I/O FORMAT!